



Overview

Based on Indiana's first A+B+C Contract.

- Why Warranty?
- What is in it for the Contractor?
- Lessons Learned?



Why Warranty?

- Back to the beginning
 - 5 year warranties
 - “The way we’ve always done it.”
 - Getting past warranty (change) fear factor.
- Reality sets in
 - Asphalt, the right application.
 - If we don’t do it...someone else will!
- Understanding the need
 - Better roads/less headache for the traveling public
 - Quick Completion/In & Out Projects



What's in it for the Contractor

- Opportunity

- Build long lasting pavements, faster
- Not only meet the 5 year warranty but exceed it, 15 years or more beyond the requirement
- Less Conflict
- Bonus Incentive
- Increase Profits - Construct a quality pavement ahead of schedule....Get out and stay out.
- Less concrete

Bidding

- **A plus B**
- **Lane Closure Costs**
- **Unbalanced bidding**

Bonding

- **Work with bonding companies**
- **Can be an issue**
- **Will contractor be in business 5 years from now**
- **Become more comfortable with it**

Joint Development

the only way to go!

- **Develop Spec Together**

- requires time
- builds trust
- creates a better spec



Warranty Project

Lessons Learned/Difference in Approach

- Buy-in From The Top, FHWA, State Agency & Contractor
- Early Involvement
- Support By All Involved
- Change



Importance of Commitment & Communication



- **Agency/Contractor Field Level Buy-In**
- **Agency/Contractor Field Level Support**



Partnering... **makes the project go**

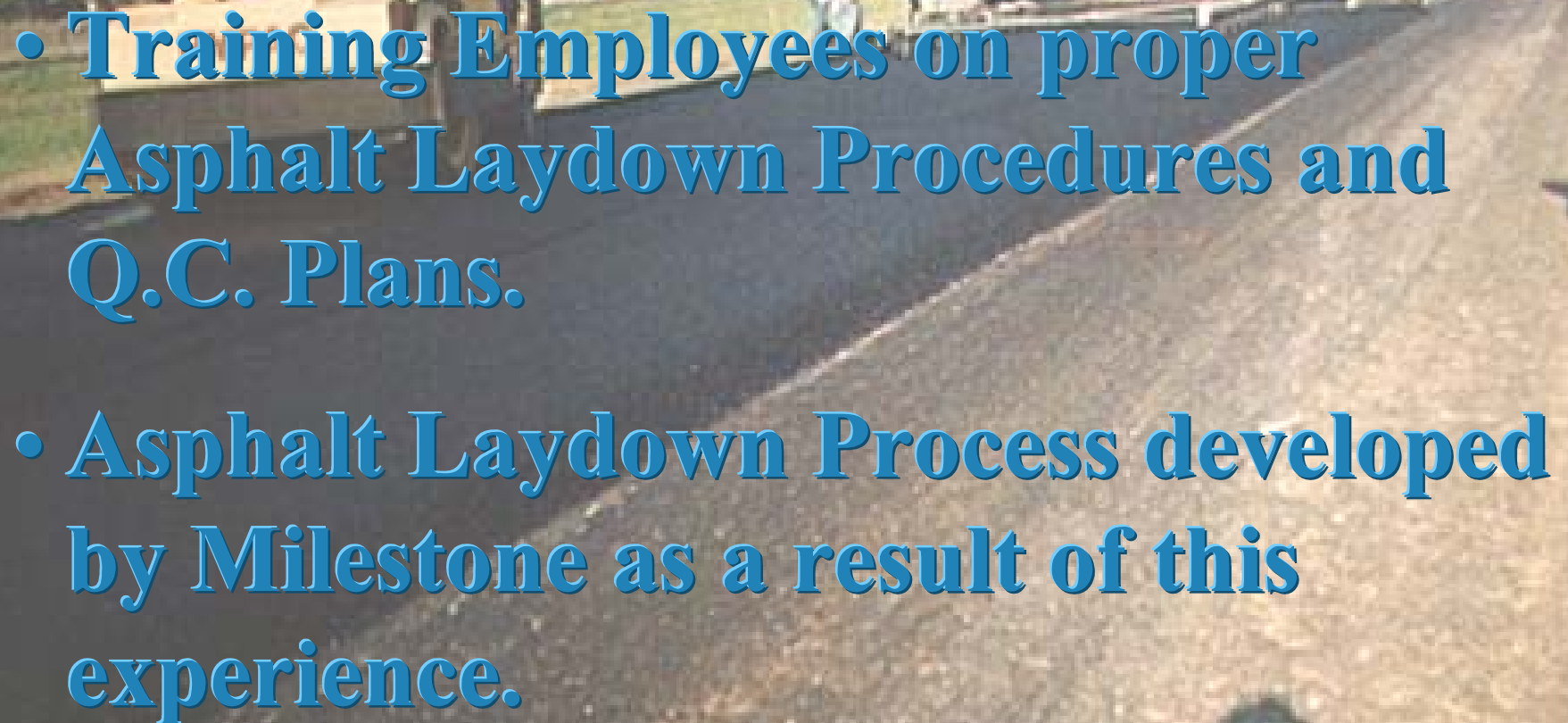
- **Import for the Project**

- **Set goals for the project, share and communicate.**
- **Weekly on site meetings.**
- **Communication to traveling public and local businesses.**
- **Full participation.**

Lessons learned by Contractor

- **Evaluating risks for specific pavement distress indicators.**
- **Planning & Scheduling.**
- **Equipment Selection & Manufacturer's Expertise**



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- **Training Employees on proper Asphalt Laydown Procedures and Q.C. Plans.**
 - **Asphalt Laydown Process developed by Milestone as a result of this experience.**

MCLP Asphalt Laydown Process

SECTION	DESCRIPTION	PAGE
3.0	GENERAL INSTRUCTIONS	2
4.0	PAVING METHOD AND SCHEDULE	4
5.0	HOW MIX IS DELIVERED	4
6.0	HOW TO TACK	6
7.0	PAVING OPERATOR	6
8.0	PAVING SCREED	8
9.0	PAVING LUTE	10
10.0	PAVING LABORER/SHOVEL	11
11.0	PAVING ROLLER	12
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13.0	PAVING MATERIAL TRANSFER DEVICE	16
14.0	JOINTS, LONGITUDINAL/TRANSVERSE	17
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SHUTTLE
BUGGY

ROADTEC

SB-2500

225







Closing Comments

